

Stig Pedersen-Bjergaard

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3193334/stig-pedersen-bjergaard-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

221
papers

10,831
citations

56
h-index

97
g-index

443
ext. papers

11,702
ext. citations

5.2
avg, IF

6.72
L-index

#	Paper	IF	Citations
221	The ten principles of green sample preparation. <i>TrAC - Trends in Analytical Chemistry</i> , 2022 , 148, 116530	14.6	27
220	Electromembrane extraction of polar substances - Status and perspectives. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022 , 207, 114407	3.5	2
219	A rapid and versatile microfluidic method for the simultaneous extraction of polar and non-polar basic pharmaceuticals from human urine.. <i>Analytica Chimica Acta</i> , 2022 , 1208, 339829	6.6	1
218	Electromembrane extraction looking closer into the liquid membrane. <i>Advances in Sample Preparation</i> , 2022 , 100020		
217	Analytical microextraction with supported liquid membranes 2021 , 97-109		
216	Advanced microextraction techniques for the analysis of amphetamines in human breast milk and their comparison with conventional methods.. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2021 , 210, 114549	3.5	1
215	Membrane-based liquid-phase microextraction of basic pharmaceuticals - A study on the optimal extraction window.. <i>Journal of Chromatography A</i> , 2021 , 1664, 462769	4.5	1
214	Effect of sample matrices on supported liquid membrane: Efficient electromembrane extraction of cathinones from biological samples.. <i>Talanta</i> , 2021 , 240, 123175	6.2	1
213	Versatile Integration of Liquid-Phase Microextraction and Fluorescent Aptamer Beacons: A Synergistic Effect for Bioanalysis. <i>Analytical Chemistry</i> , 2021 , 93, 14323-14333	7.8	0
212	Green microfluidic liquid-phase microextraction of polar and non-polar acids from urine. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 413, 3717-3723	4.4	4
211	Selectivity and efficiency of electromembrane extraction of polar bases with different liquid membranes-Link to analyte properties. <i>Journal of Separation Science</i> , 2021 , 44, 2631-2641	3.4	6
210	Electromembrane extraction using deep eutectic solvents as the liquid membrane. <i>Analytica Chimica Acta</i> , 2021 , 1143, 109-116	6.6	29
209	Electromembrane extraction of anthracyclines from plasma: Comparison with conventional extraction techniques. <i>Talanta</i> , 2021 , 223, 121748	6.2	7
208	Electromembrane extraction of peptides and amino acids - status and perspectives. <i>Bioanalysis</i> , 2021 , 13, 277-289	2.1	3
207	Electromembrane Extraction and Mass Spectrometry for Liver Organoid Drug Metabolism Studies. <i>Analytical Chemistry</i> , 2021 , 93, 3576-3585	7.8	4
206	Electromembrane extraction of streptomycin from biological fluids. <i>Journal of Chromatography A</i> , 2021 , 1639, 461915	4.5	9
205	Removal of Polymerase Chain Reaction Inhibitors by Electromembrane Extraction. <i>Analytical Chemistry</i> , 2021 , 93, 11488-11496	7.8	2

204	Quality papers on sample preparation and extraction. <i>Talanta Open</i> , 2021 , 3, 100043	5.6	1
203	Electromembrane extraction of peptides using deep eutectic solvents as liquid membrane. <i>Analytica Chimica Acta</i> , 2021 , 1175, 338717	6.6	4
202	The electromembrane extraction of pharmaceutical compounds from animal tissues. <i>Analytica Chimica Acta</i> , 2021 , 1177, 338742	6.6	4
201	Microfluidic liquid-phase microextraction based on natural deep eutectic solvents immobilized in agarose membranes. <i>Journal of Chromatography A</i> , 2021 , 1657, 462580	4.5	3
200	Electromembrane extraction in microfluidic formats. <i>Journal of Separation Science</i> , 2021 ,	3.4	2
199	Determination of psychoactive drugs in serum using conductive vial electromembrane extraction combined with UHPLC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021 , 1183, 122926	3.2	1
198	Ultrasound-assisted electromembrane extraction with supported semi-liquid membrane. <i>Analytica Chimica Acta</i> , 2021 , 1184, 339038	6.6	2
197	Green and sustainable drug analysis [Combining microsampling and microextraction of drugs of abuse. <i>Sustainable Chemistry and Pharmacy</i> , 2021 , 24, 100517	3.9	2
196	Organic-solvent-free electromembrane extraction based on semi-interpenetrating polymer networks. <i>Green Chemistry</i> , 2021 , 23, 1782-1793	10	8
195	Influence of acid-base dissociation equilibria during electromembrane extraction. <i>Journal of Separation Science</i> , 2020 , 43, 3120-3128	3.4	3
194	Electromembrane extraction of sodium dodecyl sulfate from highly concentrated solutions. <i>Analyst, The</i> , 2020 , 145, 4957-4963	5	2
193	Impact of ion balance in electromembrane extraction. <i>Analytica Chimica Acta</i> , 2020 , 1124, 129-136	6.6	12
192	Electromembrane Extraction Using Sacrificial Electrodes. <i>Analytical Chemistry</i> , 2020 , 92, 5595-5603	7.8	11
191	Bioanalysis of pharmaceuticals using liquid-phase microextraction combined with liquid chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020 , 189, 113446	2.5	23
190	Exploiting agarose gel modified with glucose-fructose syrup as a green sorbent in rotating-disk sorptive extraction technique for the determination of trace malondialdehyde in biological and food samples. <i>Talanta</i> , 2020 , 217, 121001	6.2	9
189	Towards exhaustive electromembrane extraction under stagnant conditions. <i>Analytica Chimica Acta</i> , 2020 , 1104, 1-9	6.6	6
188	3D cell culture models and organ-on-a-chip: Meet separation science and mass spectrometry. <i>Electrophoresis</i> , 2020 , 41, 56-64	3.6	20
187	Hollow fiber-based liquid phase microextraction followed by analytical instrumental techniques for quantitative analysis of heavy metal ions and pharmaceuticals. <i>Journal of Pharmaceutical Analysis</i> , 2020 , 10, 109-122	14	41

186	Unidirectional solute transfer using a Janus membrane. <i>Journal of Membrane Science</i> , 2020 , 596, 117723-9.6	7
185	Microextraction approaches for bioanalytical applications: An overview. <i>Journal of Chromatography A</i> , 2020 , 1616, 460790	4.5 33
184	Microextraction With Supported Liquid Membranes 2020 , 241-263	0
183	Emerging Extraction Strategies in Analytical Chemistry. <i>Analytical Chemistry</i> , 2020 , 92, 2-15	7.8 49
182	Electromembrane extraction of highly polar bases from biological samples - Deeper insight into bis(2-ethylhexyl) phosphate as ionic carrier. <i>Analytica Chimica Acta</i> , 2020 , 1115, 23-32	6.6 16
181	The modern role of smartphones in analytical chemistry. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 118, 548-555	14.6 83
180	Liquid-Phase Microextraction or Electromembrane Extraction?. <i>Analytical Chemistry</i> , 2019 , 91, 8267-8273	7.8 21
179	Electromembrane Extraction of Unconjugated Fluorescein Isothiocyanate from Solutions of Labeled Proteins Prior to Flow Induced Dispersion Analysis. <i>Analytical Chemistry</i> , 2019 , 91, 6702-6708	7.8 14
178	On-chip electromembrane extraction of acidic drugs. <i>Electrophoresis</i> , 2019 , 40, 2514-2521	3.6 5
177	Liquid-phase microextraction in 96-well plates - calibration and accurate quantification of pharmaceuticals in human plasma samples. <i>Journal of Chromatography A</i> , 2019 , 1602, 117-123	4.5 16
176	Electromembrane extraction with solvent modification of the acceptor solution: improved mass transfer of drugs of abuse from human plasma. <i>Bioanalysis</i> , 2019 , 11, 755-771	2.1 10
175	Electromembrane extraction-looking into the future. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 1687-1693	4.4 14
174	Electromembrane extraction: Overview of the last decade. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 113, 357-363	14.6 72
173	Dried blood spots and parallel artificial liquid membrane extraction-A simple combination of microsampling and microextraction. <i>Analytica Chimica Acta</i> , 2018 , 1009, 56-64	6.6 14
172	Semi-automated set-up for exhaustive micro-electromembrane extractions of basic drugs from biological fluids. <i>Analytica Chimica Acta</i> , 2018 , 1005, 34-42	6.6 18
171	Parallel artificial liquid membrane extraction of psychoactive analytes: a novel approach in therapeutic drug monitoring. <i>Bioanalysis</i> , 2018 , 10, 385-395	2.1 10
170	Continuous electromembrane extraction coupled with mass spectrometry - Perspectives and challenges. <i>Analytica Chimica Acta</i> , 2018 , 999, 27-36	6.6 10
169	Rapid determination of designer benzodiazepines, benzodiazepines, and Z-hypnotics in whole blood using parallel artificial liquid membrane extraction and UHPLC-MS/MS. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 4967-4978	4.4 19

168	Investigation of alternative supported liquid membranes in electromembrane extraction of basic drugs from human plasma. <i>Journal of Membrane Science</i> , 2018 , 548, 176-183	9.6	25
167	Electromembrane extraction of high level substances: A novel approach for selective recovery of templates in molecular imprinting. <i>Journal of Membrane Science</i> , 2018 , 568, 30-39	9.6	14
166	Electromembrane extraction of substances with weakly basic properties: a fundamental study with benzodiazepines. <i>Bioanalysis</i> , 2018 , 10, 769-781	2.1	11
165	Nanoliter-Scale Electromembrane Extraction and Enrichment in a Microfluidic Chip. <i>Analytical Chemistry</i> , 2018 , 90, 9322-9329	7.8	33
164	Electromembrane extraction-Recent trends and where to go. <i>Journal of Pharmaceutical Analysis</i> , 2017 , 7, 141-147	14	58
163	Complexation-mediated electromembrane extraction of highly polar basic drugs-a fundamental study with catecholamines in urine as model system. <i>Analytical and Bioanalytical Chemistry</i> , 2017 , 409, 4215-4223	4.4	18
162	Parallel artificial liquid membrane extraction of new psychoactive substances in plasma and whole blood. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1048, 77-84	3.2	19
161	Electromembrane extraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2017 , 95, 47-56	14.6	81
160	Comprehensive study of buffer systems and local pH effects in electromembrane extraction. <i>Analytica Chimica Acta</i> , 2017 , 984, 116-123	6.6	31
159	Direct coupling of electromembrane extraction to mass spectrometry - Advancing the probe functionality toward measurements of zwitterionic drug metabolites. <i>Analytica Chimica Acta</i> , 2017 , 983, 121-129	6.6	7
158	Maghemite nanoparticle-decorated hollow fiber electromembrane extraction combined with dispersive liquid-liquid microextraction for determination of thymol from <i>Carum copticum</i> . <i>Journal of the Science of Food and Agriculture</i> , 2017 , 97, 1517-1523	4.3	14
157	Electromembrane extraction with alkylated phosphites and phosphates as supported liquid membranes. <i>Journal of Membrane Science</i> , 2017 , 526, 18-24	9.6	37
156	One-step extraction of polar drugs from plasma by parallel artificial liquid membrane extraction. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017 , 1043, 25-32	3.2	10
155	Efficient discrimination and removal of phospholipids during electromembrane extraction from human plasma samples. <i>Bioanalysis</i> , 2017 , 9, 631-641	2.1	17
154	Glossary of terms used in extraction (IUPAC Recommendations 2016). <i>Pure and Applied Chemistry</i> , 2016 , 88, 517-558	2.1	23
153	Extraction for analytical scale sample preparation (IUPAC Technical Report). <i>Pure and Applied Chemistry</i> , 2016 , 88, 649-687	2.1	29
152	Fully Automated Electro Membrane Extraction Autosampler for LC-MS Systems Allowing Soft Extractions for High-Throughput Applications. <i>Analytical Chemistry</i> , 2016 , 88, 6797-804	7.8	8
151	Electromembrane extraction of polar basic drugs from plasma with pure bis(2-ethylhexyl) phosphite as supported liquid membrane. <i>Analytica Chimica Acta</i> , 2016 , 934, 80-7	6.6	45

150	Dried Blood Spots on Carboxymethyl Cellulose Sheets: Rapid Sample Preparation Based on Dissolution and Precipitation. <i>Chromatographia</i> , 2016 , 79, 509-514	2.1	2
149	Direct coupling of a flow-flow electromembrane extraction probe to LC-MS. <i>Analytica Chimica Acta</i> , 2016 , 905, 93-9	6.6	8
148	Mass transfer in electromembrane extraction--The link between theory and experiments. <i>Journal of Separation Science</i> , 2016 , 39, 188-97	3.4	27
147	Organic solvents in electromembrane extraction: recent insights. <i>Reviews in Analytical Chemistry</i> , 2016 , 35, 169-183	2.3	51
146	Micro-electromembrane extraction using multiple free liquid membranes and acceptor solutions - Towards selective extractions of analytes based on their acid-base strength. <i>Analytica Chimica Acta</i> , 2016 , 943, 64-73	6.6	18
145	Parallel artificial liquid membrane extraction as an efficient tool for removal of phospholipids from human plasma. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 129, 229-236	3.5	16
144	Real Time Extraction Kinetics of Electro Membrane Extraction Verified by Comparing Drug Metabolism Profiles Obtained from a Flow-Flow Electro Membrane Extraction-Mass Spectrometry System with LC-MS. <i>Analytical Chemistry</i> , 2015 , 87, 5774-81	7.8	14
143	The potential of electromembrane extraction for bioanalytical applications. <i>Bioanalysis</i> , 2015 , 7, 463-80	2.1	25
142	Electromembrane extraction as a rapid and selective miniaturized sample preparation technique for biological fluids. <i>Bioanalysis</i> , 2015 , 7, 2203-9	2.1	16
141	Exhaustive and stable electromembrane extraction of acidic drugs from human plasma. <i>Journal of Chromatography A</i> , 2015 , 1425, 81-7	4.5	35
140	Exhaustive extraction of peptides by electromembrane extraction. <i>Analytica Chimica Acta</i> , 2015 , 853, 328-334	6.6	43
139	Application of hollow cylindrical wheat stem for electromembrane extraction of thorium in water samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015 , 137, 328-32	4.4	22
138	Sample Preparation 2015 , 73-122		3
137	Analysis of Small-Molecule Drugs in Biological Fluids 2015 , 207-260		2
136	General Chromatographic Theory and Principles 2015 , 31-60		1
135	Physicochemical Properties of Drug Substances 2015 , 9-22		
134	Analysis of Peptide and Protein Drugs in Biological Fluids 2015 , 261-282		
133	Regulated Bioanalysis and Guidelines 2015 , 283-303		

132	Biological Samples: Their Composition and Properties, and Their Collection and Storage 2015 , 23-30		0
131	Quantitative and Qualitative Chromatographic Analysis 2015 , 61-72		1
130	High-Performance Liquid Chromatography (HPLC) and High-Performance Liquid Chromatography/Mass Spectrometry (LC-MS) 2015 , 123-172		1
129	Gas Chromatography (GC) 2015 , 173-206		2
128	Combination of Electromembrane Extraction and Liquid-Phase Microextraction in a Single Step: Simultaneous Group Separation of Acidic and Basic Drugs. <i>Analytical Chemistry</i> , 2015 , 87, 6951-7	7.8	40
127	Selective electromembrane extraction based on isoelectric point: Fundamental studies with angiotensin II antipeptide as model analyte. <i>Journal of Membrane Science</i> , 2015 , 481, 115-123	9.6	26
126	Parallel artificial liquid membrane extraction of acidic drugs from human plasma. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 2811-9	4.4	12
125	Electromembrane extraction for pharmaceutical and biomedical analysis - Quo vadis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 113, 97-107	3.5	57
124	On-chip electromembrane extraction for monitoring drug metabolism in real time by electrospray ionization mass spectrometry. <i>Methods in Molecular Biology</i> , 2015 , 1274, 171-82	1.4	6
123	Stability and efficiency of supported liquid membranes in electromembrane extraction--a link to solvent properties. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 2151-61	4.4	35
122	Development of a flat membrane based device for electromembrane extraction: a new approach for exhaustive extraction of basic drugs from human plasma. <i>Journal of Chromatography A</i> , 2014 , 1326, 7-12	4.5	66
121	Salt effects in electromembrane extraction. <i>Journal of Chromatography A</i> , 2014 , 1347, 1-7	4.5	23
120	Parallel electromembrane extraction in the 96-well format. <i>Analytica Chimica Acta</i> , 2014 , 828, 46-52	6.6	36
119	Development and characterization of a small electromembrane extraction probe coupled with mass spectrometry for real-time and online monitoring of in vitro drug metabolism. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 421-9	4.4	17
118	Electromembrane extraction--three-phase electrophoresis for future preparative applications. <i>Electrophoresis</i> , 2014 , 35, 2421-8	3.6	43
117	Design and implementation of an automated liquid-phase microextraction-chip system coupled on-line with high performance liquid chromatography. <i>Talanta</i> , 2014 , 120, 224-9	6.2	31
116	Parallel electromembrane extraction in a multiwell plate. <i>Analytical and Bioanalytical Chemistry</i> , 2014 , 406, 431-40	4.4	33
115	Recent developments in electromembrane extraction. <i>Analytical Methods</i> , 2013 , 5, 4549-4557	3.2	84

114	Electromembrane extraction from aqueous samples containing polar organic solvents. <i>Journal of Chromatography A</i> , 2013 , 1308, 37-44	4.5	26
113	High-throughput analysis of drugs in biological fluids by desorption electrospray ionization mass spectrometry coupled with thin liquid membrane extraction. <i>Analyst, The</i> , 2013 , 138, 5965-72	5	19
112	Storage of oral fluid as dried spots on alginate and chitosan foam - a new concept for oral fluid collection. <i>Bioanalysis</i> , 2013 , 5, 317-25	2.1	24
111	Nano-electromembrane extraction. <i>Analytica Chimica Acta</i> , 2013 , 785, 60-6	6.6	44
110	Parallel artificial liquid membrane extraction: micro-scale liquid-liquid-liquid extraction in the 96-well format. <i>Bioanalysis</i> , 2013 , 5, 1377-85	2.1	42
109	Electromembrane extraction: distribution or electrophoresis?. <i>Electrophoresis</i> , 2013 , 34, 792-9	3.6	54
108	Perspective: Hollow fibre liquid-phase microextraction - principles, performance, applicability, and future directions. <i>Scientia Chromatographica</i> , 2013 , 5, 181-189	1	27
107	Exhaustive electromembrane extraction of some basic drugs from human plasma followed by liquid chromatography-mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 57, 33-8	3.5	67
106	Fast, selective, and sensitive analysis of low-abundance peptides in human plasma by electromembrane extraction. <i>Analytica Chimica Acta</i> , 2012 , 716, 16-23	6.6	45
105	Kinetic aspects of hollow fiber liquid-phase microextraction and electromembrane extraction. <i>Analytica Chimica Acta</i> , 2012 , 742, 10-6	6.6	75
104	Liquid-phase microextraction in a microfluidic-chip--high enrichment and sample clean-up from small sample volumes based on three-phase extraction. <i>Analytica Chimica Acta</i> , 2012 , 735, 46-53	6.6	52
103	Selective electromembrane extraction at low voltages based on analyte polarity and charge. <i>Journal of Chromatography A</i> , 2012 , 1248, 48-54	4.5	57
102	Alginate and chitosan foam combined with electromembrane extraction for dried blood spot analysis. <i>Analytical Chemistry</i> , 2012 , 84, 8783-9	7.8	40
101	On-chip electromembrane extraction for monitoring drug metabolism in real time by electrospray ionization mass spectrometry. <i>Analyst, The</i> , 2012 , 137, 3321-7	5	64
100	Liquid-phase microextraction and desorption electrospray ionization mass spectrometry for identification and quantification of basic drugs in human urine. <i>Rapid Communications in Mass Spectrometry</i> , 2012 , 26, 133-40	2.2	28
99	Electromembrane extraction of stimulating drugs from undiluted whole blood. <i>Journal of Chromatography A</i> , 2012 , 1232, 27-36	4.5	57
98	Electromembrane extraction: a new technique for accelerating bioanalytical sample preparation. <i>Bioanalysis</i> , 2011 , 3, 787-97	2.1	68
97	Liquid-Phase Microextraction (LPME) Utilizing Porous Hollow Fibers 2011 , 125-148		2

96	Electromembrane extraction and HPLC analysis of haloacetic acids and aromatic acetic acids in wastewater. <i>Talanta</i> , 2011 , 86, 109-13	6.2	46
95	Electromembrane extraction from biological fluids. <i>Analytical Sciences</i> , 2011 , 27, 965-72	1.7	72
94	Fundamental studies on the electrokinetic transfer of net cationic peptides across supported liquid membranes. <i>Journal of Separation Science</i> , 2011 , 34, 186-95	3.4	38
93	Electromembrane extraction of peptides--fundamental studies on the supported liquid membrane. <i>Journal of Separation Science</i> , 2011 , 34, 3410-7	3.4	42
92	On-chip electro membrane extraction with online ultraviolet and mass spectrometric detection. <i>Analytical Chemistry</i> , 2011 , 83, 44-51	7.8	86
91	On-chip electro membrane extraction. <i>Microfluidics and Nanofluidics</i> , 2010 , 9, 881-888	2.8	103
90	Potential-driven peptide extractions across supported liquid membranes: investigation of principal operational parameters. <i>Journal of Separation Science</i> , 2010 , 33, 1665-72	3.4	52
89	Simultaneous extraction of acidic and basic drugs at neutral sample pH: a novel electro-mediated microextraction approach. <i>Journal of Chromatography A</i> , 2010 , 1217, 6661-7	4.5	108
88	Implementation of droplet-membrane-droplet liquid-phase microextraction under stagnant conditions for lab-on-a-chip applications. <i>Analytica Chimica Acta</i> , 2010 , 658, 133-40	6.6	43
87	Hollow fiber-liquid-phase microextraction of fungicides from orange juices. <i>Journal of Chromatography A</i> , 2010 , 1217, 1989-94	4.5	60
86	Kinetic electro membrane extraction under stagnant conditions--fast isolation of drugs from untreated human plasma. <i>Journal of Chromatography A</i> , 2010 , 1217, 5050-6	4.5	82
85	Electromembrane extraction of basic drugs from untreated human plasma and whole blood under physiological pH conditions. <i>Analytical and Bioanalytical Chemistry</i> , 2009 , 393, 921-8	4.4	122
84	Drop-to-drop microextraction across a supported liquid membrane by an electrical field under stagnant conditions. <i>Journal of Chromatography A</i> , 2009 , 1216, 1496-502	4.5	68
83	Rapid isolation of angiotensin peptides from plasma by electromembrane extraction. <i>Journal of Chromatography A</i> , 2009 , 1216, 6900-5	4.5	89
82	Analysis of semivolatile pharmaceuticals and pollutants in organic micro extracts using hot cell membrane inlet mass spectrometry. <i>Analytical Chemistry</i> , 2009 , 81, 4010-4	7.8	9
81	Parameters affecting electro membrane extraction of basic drugs. <i>Journal of Separation Science</i> , 2008 , 31, 753-9	3.4	130
80	Environmental and bioanalytical applications of hollow fiber membrane liquid-phase microextraction: a review. <i>Analytica Chimica Acta</i> , 2008 , 624, 253-68	6.6	352
79	Liquid-phase microextraction with porous hollow fibers, a miniaturized and highly flexible format for liquid-liquid extraction. <i>Journal of Chromatography A</i> , 2008 , 1184, 132-42	4.5	415

78	Low-voltage electromembrane extraction of basic drugs from biological samples. <i>Journal of Chromatography A</i> , 2008 , 1180, 1-9	4.5	145
77	Electromembrane extraction of peptides. <i>Journal of Chromatography A</i> , 2008 , 1194, 143-9	4.5	159
76	Electrical potential can drive liquid-liquid extraction for sample preparation in chromatography. <i>TrAC - Trends in Analytical Chemistry</i> , 2008 , 27, 934-941	14.6	62
75	Occurrence of selective serotonin reuptake inhibitors in sewage and receiving waters at Spitsbergen and in Norway. <i>Journal of Chromatography A</i> , 2008 , 1185, 194-205	4.5	137
74	Supported liquid membranes in hollow fiber liquid-phase microextraction (LPME)--practical considerations in the three-phase mode. <i>Journal of Separation Science</i> , 2007 , 30, 1364-70	3.4	41
73	Recent progress in sample extraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2007 , 26, 843-846	14.6	5
72	Electrokinetic migration of acidic drugs across a supported liquid membrane. <i>Journal of Chromatography A</i> , 2007 , 1152, 220-5	4.5	201
71	Microextraction across supported liquid membranes forced by pH gradients and electrical fields. <i>Journal of Chromatography A</i> , 2007 , 1157, 38-45	4.5	143
70	Simulation of flux during electro-membrane extraction based on the Nernst-Planck equation. <i>Journal of Chromatography A</i> , 2007 , 1174, 104-11	4.5	187
69	25,000-fold pre-concentration in a single step with liquid-phase microextraction. <i>Analytica Chimica Acta</i> , 2007 , 592, 1-8	6.6	62
68	Extraction across supported liquid membranes by use of electrical fields. <i>Analytical and Bioanalytical Chemistry</i> , 2007 , 388, 521-3	4.4	45
67	Analytical microextraction: current status and future trends. <i>Journal of Chromatographic Science</i> , 2006 , 44, 291-307	1.4	91
66	Experiences with carrier-mediated transport in liquid-phase microextraction. <i>Journal of Chromatographic Science</i> , 2006 , 44, 308-16	1.4	19
65	Gas Chromatography with Atomic Emission Detection in Environmental Analysis 2006 ,		1
64	Electrokinetic migration across artificial liquid membranes. New concept for rapid sample preparation of biological fluids. <i>Journal of Chromatography A</i> , 2006 , 1109, 183-90	4.5	498
63	Electrokinetic migration across artificial liquid membranes Tuning the membrane chemistry to different types of drug substances. <i>Journal of Chromatography A</i> , 2006 , 1124, 29-34	4.5	196
62	Psychoactive drugs, alcohol, and severe hypoglycemia in insulin-treated diabetes: analysis of 141 cases. <i>American Journal of Medicine</i> , 2005 , 118, 307-10	2.4	27
61	Bioanalysis of drugs by liquid-phase microextraction coupled to separation techniques. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005 , 817, 3-12	3.2	168

60	Liquid-phase microextraction based on carrier mediated transport combined with liquid chromatography-mass spectrometry. New concept for the determination of polar drugs in a single drop of human plasma. <i>Journal of Chromatography A</i> , 2005 , 1072, 29-36	4.5	79
59	Liquid-phase microextraction of basic drugs--selection of extraction mode based on computer calculated solubility data. <i>Journal of Separation Science</i> , 2005 , 28, 1195-203	3.4	40
58	Developments in hollow fibre-based, liquid-phase microextraction. <i>TrAC - Trends in Analytical Chemistry</i> , 2004 , 23, 1-10	14.6	446
57	Liquid-phase microextraction utilising plant oils as intermediate extraction medium--towards elimination of synthetic organic solvents in sample preparation. <i>Journal of Separation Science</i> , 2004 , 27, 1511-6	3.4	22
56	Screening for central nervous system-stimulating drugs in human plasma by liquid chromatography with mass spectrometric detection. <i>Journal of Chromatography A</i> , 2004 , 1031, 203-11	4.5	13
55	State-of-the art of selective detection and identification of I-, Br-, Cl-, and F-containing compounds in gas chromatography and liquid chromatography. <i>Journal of Chromatography A</i> , 2004 , 1050, 45-62	4.5	11
54	Liquid-phase microextraction combined with liquid chromatography-mass spectrometry. Extraction from small volumes of biological samples. <i>Journal of Separation Science</i> , 2003 , 26, 1520-1526	3.4	39
53	Feasibility of a liquid-phase microextraction sample clean-up and liquid chromatographic/mass spectrometric screening method for selected anabolic steroid glucuronides in biological samples. <i>Journal of Mass Spectrometry</i> , 2003 , 38, 16-26	2.2	82
52	Liquid-phase microextraction of hydrophilic drugs by carrier-mediated transport. <i>Journal of Chromatography A</i> , 2003 , 998, 61-72	4.5	91
51	Liquid-phase microextraction of drugs from human breast milk. <i>Analytica Chimica Acta</i> , 2003 , 491, 155-161	6.1	61
50	Stereospecific determination of citalopram and desmethylcitalopram by capillary electrophoresis and liquid-phase microextraction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2003 , 33, 263-73	3.5	78
49	Fundamental studies on selectivity in 3-phase liquid-phase microextraction (LPME) of basic drugs. <i>Journal of Separation Science</i> , 2002 , 25, 141-146	3.4	51
48	Recovery, enrichment and selectivity in liquid-phase microextraction comparison with conventional liquid-liquid extraction. <i>Journal of Chromatography A</i> , 2002 , 963, 3-17	4.5	134
47	Liquid-phase microextraction combined with capillary electrophoresis, a promising tool for the determination of chiral drugs in biological matrices. <i>Journal of Chromatography A</i> , 2002 , 963, 303-12	4.5	76
46	Liquid-phase microextraction of protein-bound drugs under non-equilibrium conditions. <i>Analyst</i> , 2002 , 127, 608-13	5	62
45	Solid-phase microextraction coupled with atomic emission spectroscopy--rapid screening for volatile chlorinated compounds. <i>Chemosphere</i> , 2002 , 49, 1349-55	8.4	6
44	Microemulsion electrokinetic chromatography [or solvent-modified micellar electrokinetic chromatography?]. <i>TrAC - Trends in Analytical Chemistry</i> , 2001 , 20, 614-619	14.6	75
43	Reduction of extraction times in liquid-phase microextraction. <i>Biomedical Applications</i> , 2001 , 760, 219-26	6.7	67

42	Separation of neutral compounds by microemulsion electrokinetic chromatography: fundamental studies on selectivity. <i>Electrophoresis</i> , 2001 , 22, 1330-6	3.6	74
41	Liquid-phase microextraction combined with flow-injection tandem mass spectrometry Rapid screening of amphetamines from biological matrices. <i>Journal of Separation Science</i> , 2001 , 24, 615-622	3.4	54
40	Comparison of microemulsion electrokinetic chromatography and solvent-modified micellar electrokinetic chromatography. <i>Journal of Separation Science</i> , 2001 , 24, 643-650	3.4	52
39	Liquid-phase microextraction and capillary electrophoresis of citalopram, an antidepressant drug. <i>Journal of Chromatography A</i> , 2001 , 909, 87-93	4.5	136
38	Liquid-phase microextraction and capillary electrophoresis of acidic drugs. <i>Electrophoresis</i> , 2000 , 21, 579-85	3.6	135
37	Microemulsion electrokinetic chromatography in suppressed electroosmotic flow environment. Separation of fat-soluble vitamins. <i>Journal of Chromatography A</i> , 2000 , 876, 201-11	4.5	79
36	Liquid-liquid extraction procedures for sample enrichment in capillary zone electrophoresis. <i>Journal of Chromatography A</i> , 2000 , 902, 91-105	4.5	109
35	Selectivity in microemulsion electrokinetic chromatography. <i>Journal of Chromatography A</i> , 2000 , 897, 375-81	4.5	85
34	Development of a simple in-vial liquid-phase microextraction device for drug analysis compatible with capillary gas chromatography, capillary electrophoresis and high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 2000 , 873, 3-11	4.5	271
33	Capillary gas chromatography coupled with negative ionization microplasma mass spectrometry for halogen-selective detection. <i>Journal of Analytical Atomic Spectrometry</i> , 2000 , 15, 55-60	3.7	13
32	Capillary gas chromatography coupled with microplasma mass spectrometry for organotin speciation. <i>Journal of Chromatography A</i> , 1999 , 849, 553-62	4.5	13
31	Solid-phase microextraction/capillary gas chromatography for the profiling of confiscated ecstasy and amphetamine. <i>Chromatographia</i> , 1999 , 50, 247-252	2.1	32
30	Drug Monitoring in Human Plasma by Capillary Gas Chromatography Coupled with Atomic Emission Detection. Potential and Limitations. <i>Journal of High Resolution Chromatography</i> , 1999 , 22, 123-125		1
29	Liquid-liquid-liquid microextraction for sample preparation of biological fluids prior to capillary electrophoresis. <i>Analytical Chemistry</i> , 1999 , 71, 2650-6	7.8	1039
28	Separation of fat-soluble vitamins by hydrophobic interaction electrokinetic chromatography with tetradecylammonium ions as pseudostationary phase. <i>Journal of Chromatography A</i> , 1998 , 807, 285-295	4.5	31
27	Strategies for the capillary electrophoretic separation of indole alkaloids in <i>Psilocybe semilanceata</i> . <i>Electrophoresis</i> , 1998 , 19, 27-30	3.6	15
26	Analysis of vitamin formulations by electrokinetic chromatography utilizing tetradecylammonium ions as the pseudostationary phase. <i>Electrophoresis</i> , 1998 , 19, 2912-7	3.6	17
25	Capillary Gas Chromatography Coupled with Microplasma Mass Spectrometry Improved Ion Source Design Compatible with Bench-Top Mass Spectrometric Instrumentation. <i>Journal of High Resolution Chromatography</i> , 1998 , 21, 282-286		7

24	Simultaneous Element-Selective Detection of C, F, Cl, Br, and I by Capillary Gas Chromatography Coupled with Microplasma Mass Spectrometry. <i>Journal of High Resolution Chromatography</i> , 1998 , 21, 633-639		14
23	Capillary gas chromatography combined with atomic emission detection for the analysis of DDT and metabolites. <i>Chemosphere</i> , 1998 , 36, 213-24	8.4	4
22	Microplasma mass spectrometric detection in capillary gas chromatography. <i>Analytical Chemistry</i> , 1998 , 70, 513-8	7.8	31
21	Determination of extractable organic chlorine and bromine by probe injection dual-microplasma atomic emission spectrometry. <i>Analytical Chemistry</i> , 1997 , 69, 3558-64	7.8	4
20	Determination of brominated alkylbenzenes in nickel industry sludge by capillary gas chromatography. <i>Chromatographia</i> , 1997 , 46, 411-418	2.1	3
19	Determination of psilocybin in <i>Psilocybe semilanceata</i> by capillary zone electrophoresis. <i>Biomedical Applications</i> , 1997 , 694, 375-81		17
18	Comparison of on-column and splitless injection in capillary gas chromatography coupled with atomic emission detection. <i>Journal of High Resolution Chromatography</i> , 1997 , 20, 47-49		4
17	Determination of chlorinated and brominated micropollutants by capillary gas chromatography coupled with on-column radio frequency plasma atomic emission detection. <i>Journal of High Resolution Chromatography</i> , 1997 , 20, 201-207		8
16	Environmental screening by capillary gas chromatography combined with mass spectrometry and atomic emission spectroscopy. <i>Chemosphere</i> , 1996 , 32, 1103-1115	8.4	16
15	Effect of make-up gas in on-column atomic emission spectrometric detection for capillary gas chromatography. <i>Journal of Analytical Atomic Spectrometry</i> , 1996 , 11, 117	3.7	11
14	Comparison of GC-ECD, GC-MS and GC-AED for the determination of polychlorinated biphenyls in highly contaminated marine sediments. <i>Chromatographia</i> , 1996 , 43, 44-52	2.1	24
13	Capillary gas chromatography combined with atomic emission detection for the analysis of polychlorinated biphenyls. <i>Journal of Chromatography A</i> , 1996 , 723, 337-347	4.5	24
12	Environmental applications of capillary gas chromatography coupled with atomic emission detection: a review. <i>Journal of High Resolution Chromatography</i> , 1996 , 19, 597-607		24
11	Calculation of elemental ratios by on-column radiofrequency plasma atomic emission detection coupled with capillary gas chromatography. <i>Journal of Chromatography A</i> , 1996 , 736, 157-164	4.5	10
10	Evaluation of a low-resolution near-IR monochromator for atomic emission detection in capillary gas chromatography. <i>Journal of High Resolution Chromatography</i> , 1995 , 18, 9-14		8
9	On-column atomic emission detection in capillary gas chromatography using a radio frequency plasma. <i>Journal of Separation Science</i> , 1994 , 6, 11-18		25
8	N-, O- and P-selective on-column atomic emission detection in capillary gas chromatography. <i>Journal of Chromatography A</i> , 1994 , 686, 109-119	4.5	14
7	On-column bromine- and chlorine-selected detection for capillary gas chromatography using a radio frequency plasma. <i>Analytical Chemistry</i> , 1993 , 65, 1998-2002	7.8	44

6	Identification of chlorinated sulfur compounds in pulp mill effluents by GC-MS and GC-AED. <i>Chromatographia</i> , 1993 , 35, 193-198	2.1	20
5	Determination of sulphur- and chlorine-containing compounds using capillary gas chromatography and atomic emission detection. <i>Analytica Chimica Acta</i> , 1992 , 265, 87-92	6.6	27
4	Molecular formula determination of halogenated compounds in environmental samples using gas chromatography and atomic emission detection. <i>Journal of Separation Science</i> , 1992 , 4, 163-170		16
3	Factors affecting C:H and C:N ratios determined by gas chromatography coupled with atomic emission detection. <i>Journal of High Resolution Chromatography</i> , 1992 , 15, 89-93		25
2	Evaluation of a radio frequency plasma for oxygen-selective detection in capillary gas chromatography. <i>Journal of High Resolution Chromatography</i> , 1992 , 15, 677-681		5
1	Direct Electromembrane Extraction-Based Mass Spectrometry: A Tool for Studying Drug Metabolism Properties of Liver Organoids. <i>Analysis & Sensing</i> ,		1